

# Loudoun County, Virginia

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At a public hearing of the Board of Supervisors of Loudoun County, Virginia, held in the County Government Center, Board of Supervisors' Meeting Room, 1 Harrison St., S.E., Leesburg, Virginia, on Monday, February 7, 2011 at 6:00 p.m.

IN RE: PROPOSED AMENDMENTS TO CHAPTER 1602 OF THE CODIFIED ORDINANCES OF LOUDOUN COUNTY, FIRE PREVENTION CODE

Mr. Burton moved that the Board of Supervisors suspend the rules.

Seconded by Mr. Delgaudio.

Voting on the Motion: Supervisors Buckley, Burk, Burton, Delgaudio, Kurtz, McGimsey, Miller, Waters, and York – Yes; None – No.

Mr. Burton moved that the Board of Supervisors adopt the amendment to Chapter 1602 of the Loudoun County Codified Ordinances pertaining to the Fire Prevention Code, which includes changes to the operational permit fees, as summarized in Attachment 1.

Seconded by Mr. Delgaudio.

Voting on the Motion: Supervisors Buckley, Burk, Burton, Delgaudio, Kurtz, McGimsey, Miller, Waters, and York – Yes; None – No.

**COPY TESTE:** 

DEPUTY CLERK FOR THE LOUDOUN COUNTY BOARD OF SUPERVISORS

(1 - Proposed Amendments to Chapter 1602 of the Codified Ordinances of Loudoun County, Fire Prevention Code)

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# CODIFIED ORDINANCES OF LOUDOUN COUNTY PART SIXTEEN - FIRE PREVENTION AND COMPLIANCE morning of the strength of the and he notified and univious CHAPTER 1602 ms, assemble its to notificating box

Adoption of State Law and Local Amendments

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1602.01 ADOPTION OF SECTION 27-94 et seq. (Statewide Fire Prevention Code) of Code of Virginia. d passes as and you have noticed with it between any source of I

The Virginia Statewide Fire Prevention Code as set forth in Section 27-94 et seq. of the Code of Virginia shall be enforced in the County. Except as specifically modified by this Chapter, all the provisions and requirements of the Statewide Fire Prevention Code, are hereby adopted, mutatis mutandis, and made part of this Chapter as if fully set forth and shall be known as the Loudoun County Fire Prevention Code. No person within the County shall violate or fail, neglect or refuse to comply with any provision of the Loudoun County Fire Prevention Code and in no event shall the penalty imposed for the violation of any provision or requirement adopted herein exceed the penalty imposed for a similar offense under such Section 27-94 et seq. of the Code of Virginia of 1950, as amended Virginia of 1950, as amended

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> 1602.02 24

ENFORCEMENT; APPOINTMENT OF FIRE MARSHAL

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There shall be appointed by the Board of Supervisors in and for the County a Fire Marshal, who shall be responsible for the enforcement of this Chapter. The duties of such Fire Marshal shall include investigation into the origin and cause of every fire and explosion occurring within the limits for which he/she is appointed. investigation and prosecution of all offenses involving hazardous materials, fires, fire bombings, bombings, attempts or threats to commit such offenses, false alarms relating to such offenses, possession and manufacture of explosive devices, substances and fire bombs and environmental crimes shall be the responsibility of the fire marshal, his/her designee and legal counsel. As used herein, the terms "Fire Official", "Enforcing Agency" and "Code Official" shall refer to the Fire Marshal for the purposes of this chapter. The Fire Marshal and his/her office shall be a part of the Department of Fire Rescue and Emergency Management.

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1602.02.01 POWERS; OFFICE OF THE FIRE MARSHAL

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(a) The Fire Marshal and all duly appointed assistants shall be authorized to order immediate compliance with the provisions of this Chapter and to exercise all powers authorized hereunder. Which motops in tothogas softrostus and drive combination of

- (b) In addition to such other duties as may be prescribed by law, the local fire marshal and those assistants appointed pursuant to Section §27-36 of the Code of Virginia designated by the fire marshal shall have the same police powers as a sheriff, police officer or law-enforcement officer to include the authority to arrest, to procure and serve warrants of arrest and search warrants, and to issue summons in the investigation and prosecution of all offenses, and related offenses, involving the violation of fire prevention and fire safety laws and related ordinances, hazardous materials, fires, fire bombings, bombings, attempts or threats to commit such offenses, possession and manufacture of explosive devices, substances and fire bombs.
  - (c) The police powers granted in this section shall not be exercised by the Fire Marshal or any assistant until such person has satisfactorily completed a course for Fire Marshals with police powers, which course shall be approved by the Virginia Fire Services Board. In addition, the Fire Marshal and those assistants with police powers shall continue to exercise those powers only upon satisfactory participation in in-service and advanced courses and programs, which courses shall be approved by the Virginia Fire Services Board. The Fire Marshal and his assistants, before entering upon their duties, shall respectively take an oath, pursuant to Code of Virginia, Title 27-37.

1602.03 ENFORCEMENT PROCEDURES; AUTHORITY

The enforcement procedures of this Chapter shall be instituted by the Fire Marshal and administered in accordance with this chapter.

1602.04 ADMINISTRATION

The Fire Marshal shall establish such procedures or requirements as may be necessary for the administration and enforcement of this Chapter.

It shall be unlawful for any owner or any other person, firm, or corporation, on or after the effective date of the Loudoun County Fire Prevention Code, to violate any provisions thereof. Any such violation shall constitute a Class 1 misdemeanor and any owner, or any other person, firm, or corporation convicted of such violation shall be

subject to punishments set forth in Chapter 202.08(b) of the Codified Ordinances of Loudoun County.

1602.06 LOCAL BOARD OF FIRE PREVENTION CODE APPEALS

The Loudoun County Building Code and Appeals Board shall be designated as the Appeals Board to hear grievances arising from the application of the Loudoun County Fire Prevention Code.

1602.07 SMOKE DETECTORS IN CERTAIN BUILDINGS

In accordance with the authorities specified in Section 15.2-922 of the Code of Virginia, smoke detectors shall be installed in the following structures or buildings:

(a) Any building containing one or more dwelling units,

(b) Any hotel or motel regularly used or offered for, or intended to be used to provide overnight sleeping accommodations for one or more persons, and,

(c) rooming houses regularly used, offered for, or intended to be used to provide overnight sleeping accommodations.

1602.07.01 Smoke detectors installed pursuant to this section shall be installed in conformance with the provisions of the Uniform Statewide Building Code. Smoke detectors shall be either battery operated or AC powered units. The owner of any unit which is rented or leased, at the beginning of each tenancy and at least annually thereafter, shall furnish the tenant with a certificate that all required smoke detectors are present, have been inspected, and are in good working order. Except for smoke detectors located in hallways, stairwells, and other public or common areas of multifamily buildings, interim testing, repair and maintenance of smoke detectors in rented or leased units shall be the responsibility of the tenant. The owner of any unit which is rented or leased shall be obligated to service, repair or replace any malfunctioning smoke detectors within five days of receipt of written notice from the tenant that such smoke detector is in need of service, repair, or replacement.

# 1602.07.02 Article not exempt from compliance with code

Nothing in this article shall excuse any owner for the required buildings from compliance with all other applicable provision of the Virginia Uniform Statewide Building Code in Chapter 14 of the County of Loudoun Codified Ordinances pertaining to buildings and building regulations.

1602.08	RESERVED		
1602.09	RESERVED		
1602.10	RESERVED	Yes	

### 1602.11 AMENDMENTS.

The following sections of the Statewide Fire Prevention Code are hereby amended as follows: (Editors note: The Loudoun County Fire Prevention Code hereby deletes, modifies or amends the sections of the SFPC as set forth below. Refer to the SFPC for original language).

Battery systems. An operational permit is required to

Enceptions An operational neural is not sequired for

# cating units Chapter 1 to one grinds inco milding year. Administration subgroup before to fold year.

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F-107.2 Fire Prevention Code Operational Permits may be required by the Fire Marshal as permitted under the Statewide Fire Prevention Code. The application process and issuance of permits is in accordance with the Loudoun County Fire Marshal's Fire Prevention Operational Permit Fee Schedule.

All permits issued under this Chapter requiring the payment of a fee, shall be issued by the Fire Marshal or his designated agent.

# FIRE PREVENTION OPERATIONAL PERMIT FEE SCHEDULE

DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
Aerosol products. An operational permit is required to manufacture, store or handle an aggregate quantity of Level 2 or Level 3 aerosol products in excess of 500 pounds (227 kg) net weight.	Yes Yes	18 olding and n	(2801.2 00)
Amusement buildings. An operational permit is required to operate a special amusement building.	Yes	\$ <del>75</del> <u>90</u>	<u>Table 107.2</u>
Aviation facilities. An operational permit is required to use a Group H or Group S occupancy for aircraft servicing or repair and aircraft fuel-servicing vehicles. Additional permits required by other sections of this code include, but are not limited to, hot work, hazardous materials and flammable or combustible finishes.	Yes	eserved	1101.3 20.5661 9 00.5061
Carnivals and fairs. An operational permit is required to conduct a carnival or fair.	Yes	\$ <del>75</del> <u>90</u>	<u>Table 107.2</u>
Battery systems. An operational permit is required to install stationary lead-acid battery systems having a liquid capacity of more than 50 gallons (189 L).	Yes Statewide	\$75 <u>90</u>	Table 107.2
Cellulose nitrate film. An operational permit is required to store, handle or use cellulose nitrate film in a Group A occupancy.	Yes	\$75 <u>90</u>	201116. 301.2 Lianigno
Combustible dust-producing operations. An operational permit is required to operate a grain elevator, flour starch mill, feed mill, or a plant pulverizing aluminum, coal, cocoa, magnesium, spices or sugar, or other operations producing combustible dusts as defined in Chapter 2.	Yes	\$ <del>75</del> <u>90</u>	<u>1301.2</u>
Combustible fibers. An operational permit is required for the storage and handling of combustible fibers in quantities greater than 100 cubic feet (2.8 m³).  Exception: An operational permit is not required for	Yes	\$ <del>75</del> <u>90</u>	<u>2901.3</u>

DESCRIPTION			PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
agricultural storage.			05.1	UI	anlardage) garada
Compressed gas. An oper storage, use or handling at (NTP) of compressed gase below.	normal tempera s in excess of th	ature and pressure ne amounts listed	Yes	\$75 <u>90</u>	3001.2 Today Said dilasid to labes Ovode Labesidat 87.1. = outlant 12
Exception: Vehicles eq gas as a fuel for propelli		using compressed			iga a gawan terb
PERMIT AMOUNTS I	OR COMPRI	ESSED GASES			A SOSTANIA
TYPE OF GAS	AMO	UNT (cubic feet at NTP)	A of Demado of the	if dry cleaning o	y cienanty plants. / nac in the business e hazarone elemin
Corrosive	200				Prioritipe govin
Flammable (except cryoger fluids and liquefied petrole		70Y	,2 W10	pits and trade at	da sheri baş alidir Lev ilalıyla ol birdi
gases)		169 7	agentus		dosives, ameronici
Highly toxic	Any An	nount			inge, aggroved over
Inert and simple asphyxiate					nepopulation, onely w
Oxidizing (including oxyge	en) 504		Alk		cach bhaning sile
Pyrophoric	Any An	nount	2	2	asiai viiriimoo to n
Toxic	Any An	nount	100		
For SI: 1 cubic foot = $0.028$	832 m <sup>2</sup>		(2)	Substance (III)	material disease
Covered mall buildings. A	An operational p	permit is required	Yes	\$ <del>75</del> <u>90</u>	<b>Table 107.2</b>
for: 1. The placement of retain concession equipment goods and similar item 2. The display of liquid-	, displays of highs in the mall.	ghly combustible	Vi dana Tu	u to the public	gelialW white will go len valued sta go len valued sta
mall.			a bienettii vereline n	s atmentant sell of	areas to say of benef
3. The use of open-flame	or flame-produ	acing equipment	r valves intendes	te li re hydranis c	ared to use or opera
3. The use of open-flame in the mall.  Cryogenic fluids. An operation of cryogenic fluids in excess of Exception: Operational vehicles equipped for an fuel for propelling the vehicles.	ational permit is a site, use, hand of the amounts l permits are not ad using cryoger	s required to le or dispense listed below. required for nic fluids as a	abnatin saviav a mana ing ballatan Yes  To Yes  To Yes	o dine di centre de consessiones e de consession	tisqo to sau of beni tisq noise sague onil vilus 3201.2 of no rego no inningenti covolque bevirontu marke ell sollagu amarke del sollagu transitatione sollagues transitatione
3. The use of open-flame in the mall.  Cryogenic fluids. An oper produce, store, transport on cryogenic fluids in excess of Exception: Operational vehicles equipped for an fuel for propelling the vehicles.	ational permit is a site, use, hand of the amounts l permits are not ad using cryoger chicle or for ref	s required to le or dispense listed below. required for nic fluids as a rigerating the	abnatin saviav a mana ing ballatan Yes  To Yes  To Yes	o dine di centre de consessiones e de consession	ting no set of bent ting not stranger out vibration on no no no not not eage at ineitgant coyolgine bestroutu market entre system emerte the system
3. The use of open-flame in the mall.  Cryogenic fluids. An operation of cryogenic fluids in excess of Exception: Operational vehicles equipped for an fuel for propelling the vehicles.	ational permit is a site, use, hand of the amounts l permits are not ad using cryoger chicle or for ref	s required to le or dispense listed below. required for nic fluids as a rigerating the  ENIC FLUIDS  OUTSIDE	abnatin saviav a mana ing ballatan Yes  To Yes  To Yes	de live hydrants of the second which are second less than the public of the water of the live departs of the live departs of the departs of the live departs of the live departs of the live live respective.	tisqo to sau of bana tisq noiseisague oni ton on no no noiseisague oni noiseisague oni noiseisague oni indipara constate site systems of the hydrause ora issued the system oni sau of the hydrause ora issued the hydrause
3. The use of open-flame in the mall.  Cryogenic fluids. An oper produce, store, transport on cryogenic fluids in excess of Exception: Operational vehicles equipped for an fuel for propelling the vehicles.  PERMIT AMOUNTS INTEREST.	ational permit is a site, use, hand of the amounts I permits are not ad using cryoger chicle or for reference of the control o	s required to le or dispense listed below. required for nic fluids as a rigerating the  ENIC FLUIDS  OUTSIDE BUILDING (gallons)	abnatin saviav a mana ing ballatan Yes  To Yes  To Yes	de live hydrants of the second which are second less than the public of the water of the live departs of the live departs of the departs of the live departs of the live departs of the live live respective.	treps to say of bend the noise seque only and seque of the control
3. The use of open-flame in the mall.  Cryogenic fluids. An oper produce, store, transport on cryogenic fluids in excess of Exception: Operational vehicles equipped for an fuel for propelling the vehicles.  PERMIT AMOUNTS I TYPE OF CRYOGENIC	ational permit is a site, use, hand of the amounts I permits are not ad using cryoger chicle or for reference of CRYOGE INSIDE BUILDING	s required to le or dispense listed below. required for nic fluids as a rigerating the  ENIC FLUIDS  OUTSIDE BUILDING	abnatin saviav a mana ing ballatan Yes  To Yes  To Yes	de live hydrants of the second which are second less than the public of the water of the live departs of the live departs of the departs of the live departs of the live departs of the live live respective.	tisqo to sau of boni tisq noise angue on vilue 3201.2 vilue 3201.2 esqo an inoistana consiste the system market fire bydrams to bydrams or saued the viluence

DES	CRIPTION		PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
Oxidizing (includes	10	50	(======================================		gricultural storage.
oxygen)	05 505	197 9			apressed gas. An e
Physical or health hazard	Any Amount	Any Amount			age, use or handling
not indicated above			the amounts list of	ises in excess of	P) of compressed ga
For SI: 1 gallon = 3.785 L.			***	0.5.5	.WK
Cutting and welding. An conduct cutting or welding jurisdiction.	operational pern operations with	in the	esign <del>Yes</del> men l	as for \$75 jumps	olodo <u>2601,2</u> godzi org tol lett a as en
Dry cleaning plants. An o	perational permi	t is required to	Yes	\$75 90	1201.2
engage in the business of d more hazardous cleaning s			OUNT (cable fer at NTP)	MA	TYPE OF GA
cleaning equipment.				200	SVIED
Exhibits and trade shows required to operate exhibits	s and trade show	S.	Yes	00 \$ <b>75</b> <u>90</u> ee	<u>Table 107.2</u>
Explosives, ammunition a		ents:	Yes		(35)
Storage, approved overnigh			Tauoun	\$ <del>75</del> - <u>90</u>	3301.2
Transportation, each vehicle		is)		\$ <del>20</del> <u>24</u>	3301.2
Use, each blasting site or b	lasting location			\$50 <u>60</u>	3301.2
Firm or company license			Januari 2	\$50 <u>60</u>	3301.2
			1m/om/	Any,	ol
Extremely Hazardous Su	bstances (EHS)	W 16	Yes	\$500 <u>600</u>	<u>Table 107.2</u>
Fireworks Retailer and/or Wholesaler Private Display, not open to			Yes <u>Yes</u>	\$ <del>500</del> <u>600</u> <u>\$600</u>	3301.2 ad T
Fire hydrants and valves.	An operational	nermit is	No	Neurit pee ye die	The distribuy of the
required to use or operate f for fire suppression purpose	ire hydrants or vies which are inst	alves intended alled on water		me or illume-pri	mall. The use of open-fl in the mult.
systems and accessible to a		ccess road that	is required to	perational permi	ogenic fluids, An c
is open to or generally used					luce, store, transpor
Exception: An operation					genic fluids in exce
authorized employees of			ot regained for	nal permits are o	increptions Operation
supplies the system or the fire department to use or operate fire hydrants or valves. Permits or monitoring				ol baggions safouls	
devices are issued through			strigorating the	e vehicle or for r	d guillegorg rot for
company.	gn the respective	water purveyor	Days Hall Black		unibi
company.			AUTO THE MALE	No. 19 House	MERO HELL
Etro I and Dian David.	-1-4		FILERIO	adieni :	THE OF CENTREENS
Fire Lane Plan Review (ex	xisting)		Yes	\$75 <u>95</u>	<u>Table 107.2</u>
			0.0	Emuli scold	sldnen

DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
Flammable and combustible liquids. An operational	Yes	\$ <del>75</del> <u>90</u>	3401.4
permit is required:		STATISTICAL SECTOR	O 1 ESOL MUNEU (161
1. To use or operate a pipeline for the transportation within	amba a uaraff	The second secon	of and propripent
facilities of flammable or combustible liquids. This	ly or conduct a	front ground facili	
requirement shall not apply to the offsite transportation in		make the control of t	a secont garnegic-l
pipelines regulated by the Department of Transportation			real bus notingle or a throng leneity
(DOT) (see Section 3501.1.2) nor does it apply to piping systems (see Section 3503.6).			lanced to output
2. To store, handle or use Class I liquids in excess of 5			
	Stoning Hall 70	DERENT IN THE PERSON COL	n, yeath or chambba pairt is used
gallons (19 L) in a building or in excess of 10 gallons			Contract Contract
(37.9 L) outside of a building, except that a permit is not			
required for the following:		- 27	
2.1. The storage or use of Class I liquids in the fuel tank	3		
of a motor vehicle, aircraft, motorboat, mobile power			
plant or mobile heating plant, unless such storage, in		14.	
the opinion of the fire official, would cause an unsafe condition.		1.0	6 1 1 1
2.2. The storage or use of paints, oils, varnishes or	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		7
similar flammable mixtures when such liquids are			
stored for maintenance, painting or similar purposes			
for a period of not more than 30 days.		= <sup>#</sup> 11.4a11	
3. To store, handle or use Class II or Class IIIA liquids in			
excess of 25 gallons (95 L) in a building or in excess of			
60 gallons (227 L) outside a building, except for fuel oil			
used in connection with oil-burning equipment.			
4. To remove Class I or Class II liquids from an underground storage tank used for fueling motor vehicles		Walley English	3 1
by any means other than the approved, stationary on-site	- W		15
pumps normally used for dispensing purposes.	1 1 m = 1		
5. To operate tank vehicles, equipment, tanks, plants,	4.5-1.0		
terminals, wells, fuel-dispensing stations, refineries, distilleries and similar facilities where flammable and			
combustible liquids are produced, processed, transported,			The second second
stored, dispensed or used.			
6. To install, alter, remove, abandon, place temporarily out			10.11
of service (for more than 90 days) or otherwise dispose of		100	
an underground, protected above-ground or above-ground			
flammable or combustible liquid tank.	2 "	1 No. 1	
7. To change the type of contents stored in a flammable or combustible liquid tank to a material, which poses a			
greater hazard than that for which the tank was designed and constructed.			
8. To manufacture, process, blend or refine flammable or		- 12 A H	
combustible liquids.	•	655.00	1701.0
Floor finishing. An operational permit is required for floor	Yes	\$ <del>75</del> <u>90</u>	<u>1501.2</u>

lenetherage m	shippi dana.	deren here sideene
		CONTRACTOR STATES
		heighper at tic
Yes	\$75 90	1601.2
liquids This	dilimings to a	discription and the
ne (ransportiti	apply to the offs	ton Hade memoring
Yes	\$75 90	1701.2
ng of vigas in i	oob 700 (\$.1.10)	OT) (see Seedon 3
	(5,803,6)	sums (see Section
in execution's	ic Class Higgids	o state, handle et u
noting Oil to a	liting or in ouck	dons (191) inch
	aidT shipil httpoanet on eroYes aT lo ig of victor is i To mente at nothing (it to a	e or combustible liquids. This analys to the offs to transporter

equeet so the managers.

2.1. The storage in case of Class I liquids in the ruel tank
of a againt vehicle, anothly motorbout, mobile newer
plant or mobile from a plant, unless such storage, in
the cention of the line of tonic, wealth cause an utsufe
execution.

2.2 The storage of use of paints offs, varieties or storion floremable nutrings when such inquids we stored for multi-casence, painting or similar purposes for a parael of cormers than 30 days.

To store, handle or use close II or Class III a liquids in access of 25 gallors (95 Latra a building or in excess of 60 gettons (22 1.1) are shoulding, export for their oil reserving or access of the consequences.

underground storage (mile used for furthing motor volusies by my means other than the approved, stationary on-rite manage normally used for dispersion numbers

To operate tank vehicles, equipment, tanks, plants, incomals, wells, titel dispossing satisfies refinancia. distillents and similar facilities where flagmanke and confrashble liquids are prefered, processed, transported.

5. Fo issuall, after, remove, abundon, pines temporarily out of service (for those than 20 days) or otherwise dispose of an uniferground, promoted above ground or above ground

In charge the type of coments stored in a flammable or compactible liquid suct to a material, which poses a greater becard than that for which the rank was designed and constructed.

in manufacture, process, thead or refine flaminable or combinar ble liquids.

DESCR	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE	
Hazardous materials. An opstore, transport on site, dispermaterials in excess of the amount	Yes Tougan	\$500 <u>600</u>	2701.5	
PERMIT AMOUNTS FOR HAZARDOUS MATERIALS		Dep shati		Clasc III Class IV
TYPE OF MATERIAL	AMOUNT	horiuper furn	40/4	Close V
Combustible liquids	See flammable and combustible liquids	жежда докжитали		Plaintight Strickford
Corrosive materials		Injure		Liquits
<u>Gases</u> Liquids Solids	See compressed gases 55 gallons 1000 pounds	Partia bereading		Supple by Groundshie Gaweg
Explosive materials	See explosives	Jon's		Liquids
Flammable materials	Bee explosives	apunds		Solite
Gases Liquids Solids	See compressed gases See flammable and combustible liquids 100 pounds	limotal limotal		lo rable (castro) mai Liquida Class 4 Class 5
Highly toxic materials	100 pounds	ens	[gg.]	Class 2
Gases Liquids Solids	See compressed gases Any amount Any amount	snot morae		Class 1 Salids Chass 5
Oxidizing materials	7 My difficult	import		Exenio
Gases Liquids	See compressed gases	ands emds		Class 2 Class I
Class 4 Class 3 Class 2 Class 1 Solids	Any amount 1 gallon <sup>a</sup> 10 gallons 55 gallons			Valencective materials relates Class 3 Class 2 Chass 1
Class 4 Class 3 Class 2 Class 1	Any amount 10 pounds 100 pounds 500 pounds	mount inds ounds 54 kg	uer 9c	Solids Chast 3 Chast 2 Chast 1 or \$1.1 gallon = 3.78;
Organic peroxides	S. 1974			IP vi tacilities. An open
Gases	See compressed gases  Any amount	or baringer at m	non tenuitarego gid e zi Joseph	and lie or use hazardou: ligh piled storage. Ar se hulding er portioner: rer exceeding 500 squ
Class II Class IV Class V	Any amount 1 gallon 2 gallons No permit required		er ur Man Garren	Anpa 060 gnibesone ast

DES	CRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
Solids	Oth Mask In Y	a fromitipov si Tirins	I Innolamogo n	ardons materials. A
Class I	Any amount	nintrasad stone	предве, ше от	d, arre no monerant,
Class II	Any amount	below.	samounts lister	entile of cocess of the
Class III	10 pounds	DUDGHASA	UNITS FOR S	PERMIT AND
Class IV	20 pounds		BLIMSET ATA	
Class V	No permit required	AMOUNT	E.A.	CYPE OF MATERI
Pyrophoric materials		bas aldamnis	LA.	abustible hauds
Gases	See compressed gases	annance and		SUMPLY PROPERTY.
<u>Liquids</u>	Any amount	SOUTH SELECTE	BRINGE.	elamatan syrao
Solids	Any amount		100	
<u>Foxic materials</u>		impressed gases		Coses
Gases	See compressed gases		ag de	Liquids
<u>Liquids</u>	10 gallons	elaptiong	and the second s	shing
Solids	100 pounds	sousoff	0.90%	losive maigraphs
Instable (reactive) materia	ils	The second second		imable materials
Liquids		and the section of		Casus
Class 4	Any amount	tour aldsman	The second section is a second	Spinbir J
Class 3	Any amount	a shiopi alditer		Toronto.
Class 2	5 gallons	shayo	T 13(3)	Solins
Class 1	10 gallons			statistica area yle
Solids		minessed pases		Gases
Class 4	Any amount	DEDOCH		dional
Class 3	Any amount	Janote	DATE:	Belija
Class 2	50 pounds		Lanna san Tay	sterougi Samil
Class 1	100 pounds	coary baseourne	u oo8	Gasca
Vater-reactive materials	100 pouries			ahimi 1
Liquids		in in the same of		Claus 4
Class 3	Any amount	100	Day L	C.1asa.3
Class 2	5 gallons		ca.91	Class 2
Class 1	55 gallons	agol	25.42	Class
Solids	33 guiloiis			Solids
Class 3	Any amount	iguoni		- Class 4
Class 2	50 pounds	ends	oq 01	Class 3
Class 1	500 pounds	abnuo	4.001	Class 2
For SI: 1 gallon = 3.785 L,		spung	g 007	Class 1
	onal permit is required to store,	Yes	\$ <del>75</del> <u>90</u>	1801.5
High piled storage. An ope	erational permit is required to ereof as a high-piled storage	Yes		<u>Table 107.2</u>

	DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
Hot we	ork operations. An operational permit is required	Yes	\$90	2601.2
for hot	work including, but not limited to:	ork or similar	er tires, rubber,	e contamer, ribi
1.	Public exhibitions and demonstrations where hot			ustible material.
	work is conducted.	o) bariupar		burning, Assopu
2.	Use of portable hot work equipment inside a	letimed by the Su		te a special incine
	structure.			Hormo's notally
	Exception: Work that is conducted under a	al permit is	for. An operatio	Oames and can-
	construction permit.			ed to ranove pur
3.	Fixed-site hot work equipment such as welding			device in a hugge
	booths.	areas, dining area	with assembly	idles in connection
4.	Hot work conducted within a hazardous fire area.			taurants or arinkii
5.	Application of roof coverings with the use of an	t is required for	operational perm	nic coarings. An
	open-flame device.	дионього поня	authoruring oper	ant guittees-stang
6.	When approved, the fire official shall issue a permit	sating in one day	of an organic c	LA) notice I mail
	to carry out a Hot Work Program. This program	operational per	A Jenotranb I	to didingual los
	allows approved personnel to regulate their	fanothombs so y	place of assembl	s otsrego of being
	facility's hot work operations. The approved	milian 49 person	occupancy ereat	ancy with a rated
	personnel shall be trained in the fire safety aspects	crimit is required	An operational p	te fire hydrants.
	denoted in this chapter and shall be responsible for			se mort lavorron s
	issuing permits requiring compliance with the			chants
	requirements found in this chapter. These permits	not be unper for	ai timusq Isnoin	ception: An open
	shall be issued only to their employees or hot work	nce personnel.	trained mainten	vate industry with
	operations under their supervision.	set inistinien of a	t fire departmen	vate fire brigade c
dust	rial ovens. An operational permit is required for	Yes	\$ <del>75</del> <u>90</u>	2101.2
eratio	on of industrial ovens regulated by Chapter 21.	n operational .	ects material	ectoric special ef
umbe	er yards and woodworking plants. An operational	Yes	\$75 <u>90</u>	1901.2
ermit :	is required for the storage or processing of lumber			d effects material
	ing 100,000 board feet (8,333 ft <sup>3</sup> ) (236 m <sup>3</sup> ).	tris appropriate for	mon Isnorterego	ylin plastics. An
iquid	- or gas-fueled vehicles or equipment in assembly	Yes	\$75 90	<b>Table 107.2</b>
merc	cantile buildings. An operational permit is required	(ldmsome admo)	thin) plastics and	se nigatir (pyrox
displ	lay, operate or demonstrate liquid- or gas-fueled	Hu phalics.	rzowy gatyloza	actual of articles
hicle	s or equipment in assembly or mercantile buildings.	al perruit is	nt. An operation	stratupe nortares
	s. An operational permit is required for:	Yes	chanical refriger	3801.2
1.	Storage and use of LP-gas.	0-499 gals	\$0 a restal	a regulared by Ch
	Exception: An operational permit is not required	500+ gals		r guruges and se
	for individual containers with a 500-gallon (1893			is required for a
	L) water capacity or less serving occupancies in			otive marine and
	Group R-3.	it is required for		na temporta An
				from a to nonne
2.	Operation of cargo tankers that transport LP-gas.			3601.2
	Operation of cargo tankers that transport LP-gas.	Yes	3/3 411	
lagne	sium. An operational permit is required to melt,	Yes a turn	\$ <del>75</del> <u>90</u>	The second secon
agne st, he	sium. An operational permit is required to melt, at treat or grind more than 10 pounds (4.54 kg) of	gaisiting	pping operation	et a sprayling or d
agne st, he agnes	sium. An operational permit is required to melt, eat treat or grind more than 10 pounds (4.54 kg) of sium.	gaisilite To mitanifuu	pping operation ic fiquids or the	et a spraying or di able or combustil
lagne st, he agnes liscell	sium. An operational permit is required to melt, at treat or grind more than 10 pounds (4.54 kg) of	yaisiin To minaribuu Yes Al 10	\$75 <u>90</u>	b to galleurge a to deliberate or condustrial or such 315.1 tires or such three

DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
of combustible empty packing cases, boxes, barrels or similar containers, rubber tires, rubber, cork or similar combustible material.	loriuper a firmal () Johnsonwaner	va operational ( fot not haved a as and dearons	werfe operations of work including I. Public exhibits
Open burning. An operational permit is required to operate a special incineration device as defined by the State Air Pollution Control Board.	Yes Rehinm bronk	\$100 <u>120</u>	Hiddenon To early S
Open flames and candles. An operational permit is required to remove paint with a torch; use a torch or open-flame device in a hazardous fire area; or to use open flames or candles in connection with assembly areas, dining areas of restaurants or drinking establishments.	Yes Torches No Candles	tion \$75 <u>90</u> 1 de dien dien dien dien dien dien dien d	or in 308.4.1 degramment of the second one bear 1
Organic coatings. An operational permit is required for any organic-coating manufacturing operation producing more than 1 gallon (4 L) of an organic coating in one day.	ns to Yes and div	\$75-90	The same the many and a same the same and a same a
Places of Assembly or Educational. An operational permit is required to operate a place of assembly or educational occupancy with a rated occupancy greater than 49 persons.	A whole their sections and their sections are sections as a section of the sections as a section of the section	\$75 <u>90</u>	Table 107.2
Private fire hydrants. An operational permit is required for the removal from service, use or operation of private fire hydrants.  Exception: An operational permit is not required for private industry with trained maintenance personnel, private fire brigade or fire departments to maintain, test	l ance with the oler. These permits playees or hot wo hin.	To trained in this happier and shall and shall be compressed in this chappier to their enapervise their supervise their supervise.	personated south demined in this assuring pointed requirements 12 shall be assued operanous undi
and use private hydrants.  Pyrotechnic special effects material. An operational permit is required for use and handling of pyrotechnic special effects material.	Yes	\$0 <u>90</u>	<u>Table 107.2</u>
Pyroxylin plastics. An operational permit is required for storage or handling of more than 25 pounds (11 kg) of cellulose nitrate (pyroxylin) plastics and for the assembly or manufacture of articles involving pyroxylin plastics.	Yes of S)	\$75 <u>90</u>	before on the second of the se
Refrigeration equipment. An operational permit is required to operate a mechanical refrigeration unit or system regulated by Chapter 6.	Yes	\$75 <u>90</u>	601.2
Repair garages and service stations. An operational permit is required for operation of repair garages and automotive, marine and fleet service stations.	Yes	\$75 <u>90</u>	2201.2
Rooftop heliports. An operational permit is required for the operation of a rooftop heliport	Yes	\$ <del>75</del> <u>90</u>	1101.3
Spraying or dipping. An operational permit is required to conduct a spraying or dipping operation utilizing flammable or combustible liquids or the application of combustible powders regulated by Chapter 15.	To (gal 46.4) abrilled	\$75 <u>90</u>	<u>1501.2</u>
Storage of scrap tires and tire byproducts. An	Yes	\$75 90	2501.2

	DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
maintain st exceeds 2,	permit is required to establish, conduct or corage of scrap tires and tire byproducts that 500 cubic feet (71m³) of total volume of scrap or indoor storage of tires and tire byproducts.	n 5 feet m dien Il not bern long		wood, piled nest quantity of pape size and duration
	y membrane structures, tents and canopies.	Yes	<del>\$75</del> - <u>\$90</u>	2403.4
An operation	onal permit is required to operate an air-		COMMO	
Exception	113:	supstantial port		Built up area: /t
purpo				1
of 40 conne	9 900 square feet or less, including all ecting areas or spaces with a common means of		king purposes.	Campfire: An a and used for co-
egres				
	c canopies and awnings open on all sides which	icts. Cloan kirt	bong boow bor	dried and kaln-d
3.1	ly with all the following: Individual canopies shall have a maximum	r brassma-massaid a	being home	been painted, pi
5.1	size of 700 square feet (65m <sup>2</sup> ).		· · · · · · · · · · · · · · · · · · ·	
3.2	The aggregate area of multiple canopies		AUTOM CONTROL OF THE PARTY OF T	Land Cleaning 1
	placed side by side without a fire break	neinnamab abu	omiton their at	T guarantussis
	clearance of 12 feet (3658 mm) shall not			from other sites
	exceed 700 square feet (65m²) total.			
3.3	A minimum clearance of 12 feet (3658) to	thy substances	erous or unhea	Nuisance, Dany
010	structures and other tents shall be provided.	o to m. sishumu	on or hewells	which have been
ent Even	t. An operational permit is required for an event	Yes od	\$300 360 per	by the burning of
	ts of any size.		every 20	buildings or dos
	Tentino Stratifico	an or one one que	tents	and the second
Tire rebuil	ding plants. An operational permit is required	Yes	\$75 90	Table 107.2
or the oper	ration and maintenance of a tire-rebuilding plant.	and transfer on the	and the section of	morrood adjourned to
	dling. An operational permit is required for the	Yes	\$ <del>75</del> <u>90</u>	2501.2
	f wrecking yards, junk yards and waste material-	ama samonda	10 10 10 10 10	PATAS - A A - IGHA
andling fa				alcoholic according
	lucts. An operational permit is required to store	Yes	\$ <del>75</del> 90	Table 107.2
	ed material, lumber or plywood in excess of 200	individuals. It nialive appoint	or other repress	g cop nome, as a busico, rocciver
	Note: Oxidizing materials:	and denna sum no	HOMOSE ARREIT	trotadile metad

a. 20 gallons when Table 2703.1.1(1) Note k applies and hazard identification signs in accordance with Section 2703.5 are provided for quantities of 20 gallons or

b. 200 pounds when Table 2703.1.1(1) Note k applies and hazard identification signs in accordance with Section 2703.5 are provided for quantities of 200 pounds Virginia rolessiverie naws state taw petaming to open ourning, specifically seel in § 10:1-1135 through § 10:1-1161 of the Code of Virginia which mandate certain requirements

7 8 9

2

3 4

1 **Definitions** 2 Bonfire: An outdoor fire utilized for ceremonial purposes. Bonfires must consist of seasoned 3 wood, piled neatly, no more than 5 feet in diameter by 5 feet in height and ignited with a small 4 5 quantity of paper. Bonfires shall not burn longer than 3 hours. Any increase to the maximum size and duration of a bonfire shall may be approved by the Fire Marshal and based upon a 6 determination that fire safety requirements of the situation and the desirable duration of burn 7 warrant the increase. Bonfires shall not be utilized for waste disposal purposes. 8 9 10 Built up area: Any area with a substantial portion covered by industrial, commercial or residential buildings. 11 12 Campfire: An outdoor recreational fire, no larger than 3 feet in diameter by 2 feet in height 13 14 and used for cooking purposes. 15 Clean lumber: Wood or wood products that have been cut or shaped and include wet, air 16 dried and kiln-dried wood products. Clean lumber does not include wood products that have 17 been painted, pigment-stained or pressure-treated. 18 19 20 Land Clearing Debris: Brush, stumps and other vegetation and similar matter generated from site clearing. This shall not include demolition materials, refuse or similar debris products 21 from other sites. 22 23 Nuisance: Dangerous or unhealthy substances which have escaped, spilled, been released or 24 which have been allowed to accumulate in or on any place. Smoke or odors that are created 25 by the burning of materials may be considered a nuisance if it permeates surrounding 26 buildings or does not readily dissipate due to atmospheric conditions. 27 28 29 Open Burning: Combustion of solid waste without control of combustion air to maintain adequate temperature for efficient combustion, containment of the combustion reaction in an 30 enclosed device or control of the products' emission. 31 32 Person: Includes a corporation, firm, partnership, association, organization and any other 33 group acting as a unit, as well as individuals. It shall also include an executor, administrator, 34 trustee, receiver or other representative appointed according to law. Whenever the word 35 "person" appears in any section of this code prescribing a penalty or fine, as to partnerships or 36 associations, the word shall include the partners or members thereof, and as to corporations, 37 shall include the officer, agents or members thereof who are responsible for any violation of 38 such section. 39 40 41 Virginia Forestry Fire Laws: State law pertaining to open burning, specifically Sections § 42 10.1-1135 through § 10.1-1161 of the Code of Virginia which mandate certain requirements 43 and conditions for open burning. 44

Virginia (§ 10.1-1308) that pertain to the abatement, control and prohibition of air pollution roughout or in any part of the Commonwealth.
Delete Statewide Fire Provention Code 307 Lthrough 307 S
ard Waste: Grass, grass clippings, tree trimmings, bushes, shrubs and clippings from bushes d shrubs.
<ol> <li>During particle do treated by the Virginia State Air Pollution Control Board (OVACS Chapter 19. Article 10) over burning de prohibited. Berygen May 1 and September 30, open maning as prohibited. Exception: Camplines are allowed provided they are located no closer than 50 feet from a structure.</li> </ol>
<ol> <li>During periods designated by the Varginia Department of Forestry, open burning is estricted.</li> </ol>
<ol> <li>Burning of household wish, garbage, refuse, household waste, commercial weste, construction waste, combinatible liquid, debris waste, hazardous waste, mapregnated lumber, unk, midden plastics, stumps, tires, on based materials, oil or perceleum based products.</li> </ol>
man, more a practice, summers, an easen materials, and a permanal passed products, solvers of salvage operations, chemicals, animal carcasses and similar materials is prohibited.
<ol> <li>Open burning of yard waste in urban or built up areas is prohibited.</li> <li>Any other burning that creates a naisance is prohibited.</li> </ol>
<ol> <li>Open burning that is offensive or objectionable because of smoke or oder emissions or when amosomeric conditions or local circumstances make such fires hazardous shall be prohibited.</li> </ol>
307.2 Permitted Open Busaing
Open burning is allowed as trusted by this section unless prohibited by Section 307.1
Printing of yard waste in non-urban areas where materials are generated on site and where
street side tresh corvict is not ovnilable for this purpose. The bruning may not be closer than
50 feet from ustracture.
<ol> <li>Agricultural burning, such as cleaning of a field or fence row, for materials generated on</li> </ol>
rite. The burning may be no closer than 50 feet from a structure and 1,000 feet from an
occurred structure, unless prior permission has been given by the occupant and may not pose
chazzed to lughways and articles
l. Bouthes, located no closer than 50 feet from a structure
<ol> <li>Burning of product generated by land clearing operations shall be approved by the Fire</li> </ol>
viarshel and shall also comply with provisions of the Virginia Some Air Polintion Control
Sound (PVACS Chapter 40, Article 49 9 VAC 5 10 5000) and shall not be within 1,000 from
es occupied structure.
Warming barrets committing elem lumber at a construction site, as approved by the Fire
Marshal. Such burning shall be contained within a bacrel or similar container, be covered or
streemed to prevent flying embers and may be no closer than 15 feet from a squeenire.
Camplifies located no closer than 50 feet from a structure.

1	Chapter 3
2	HA MANAGER AND
3	en Burning. (9 VAC 5-40-5600). Regulations promotested under the authority of the Code
4	Section 307 Open Burning and Recreational Fires
5	sughout or in any part of the Commonwealth.
6	Delete Statewide Fire Prevention Code 307.1 through 307.5.
7	d Waste. Gross, gross clumnings, tree transmings, busines, shrubs and clippings from busines
8	307.1 Prohibited Open Burning
9	1. During periods designated by the Virginia State Air Pollution Control Board (9VAC5
10	Chapter 40, Article 40) open burning is prohibited. Between May 1 and September 30, open
11	burning is prohibited. Exception: Campfires are allowed provided they are located no closer
12	than 50 feet from a structure.
13	2. During periods designated by the Virginia Department of Forestry, open burning is
14	restricted.
15	3. Burning of household trash, garbage, refuse, household waste, commercial waste,
16	construction waste, combustible liquid, debris waste, hazardous waste, impregnated lumber,
17	junk, rubber, plastics, stumps, tires, tar based materials, oil or petroleum based products,
18	products of salvage operations, chemicals, animal carcasses and similar materials is
19	prohibited.
20	4. Open burning of yard waste in urban or built up areas is prohibited.
21	5. Any other burning that creates a nuisance is prohibited.
22	6. Open burning that is offensive or objectionable because of smoke or odor emissions
23	or when atmospheric conditions or local circumstances make such fires hazardous shall be
24	prohibited.
25	
26	307.2 Permitted Open Burning
27	1. Open burning is allowed as limited by this section unless prohibited by Section 307.1
28	2. Burning of yard waste in non-urban areas where materials are generated on site and where
29	street side trash service is not available for this purpose. The burning may not be closer than
30	50 feet from a structure.
31	3. Agricultural burning, such as clearing of a field or fence row, for materials generated on
32	site. The burning may be no closer than 50 feet from a structure and 1,000 feet from an
33	occupied structure, unless prior permission has been given by the occupant and may not pose
34	a hazard to highways and airfields.
35	4. Bonfires, located no closer than 50 feet from a structure.
36	5. Burning of product generated by land clearing operations shall be approved by the Fire
37	Marshal and shall also comply with provisions of the Virginia State Air Pollution Control
38	Board (9VAC5 Chapter 40, Article 40 9 VAC 5-40-5600) and shall not be within 1,000 from
39	an occupied structure.
40	6. Warming barrels containing clean lumber at a construction site, as approved by the Fire
41	Marshal. Such burning shall be contained within a barrel or similar container, be covered or
42	screened to prevent flying embers and may be no closer than 15 feet from a structure.
43	7. Campfires located no closer than 50 feet from a structure,

8. Burning that is approved through the Virginia State Air Pollution Control Board regional director for the purpose of training firefighting resources. Exception: Training schools having permanent facilities for firefighting instruction are not required to obtain approval. 9. Other open burning as approved by the Fire Marshal as needed for public safety, abatement of hazard, destruction of pests or other common good. Index on the common good is not because the common good in the common good. conscieuous area of each room. 307.3 Attendance Allowable open burning, to include bonfires or recreational fires shall be constantly attended by responsible, competent persons over the age of 18 years old as may be necessary to contain the fire until the fire is extinguished. A minimum of one portable fire extinguisher with a minimum 4-A rating or other approved on-site fire-extinguishing equipment, such as dirt, sand, water barrel, garden hose or water truck, shall be available for immediate utilization. 307.4 Notification. Notification to the Loudoun County Emergency Communications Center is required prior to and at the conclusion of any allowable open burning event permitted under this section. Exception: Campfires. 307.5 Extinguishment. The Fire Marshal shall order extinguishment, either by the responsible party or local firefighting resources of any open burning which violates the provisions of this section or otherwise creates a nuisance. 307. 6 Grills: Open flame grills, hibachis, gas grills, manufactured fireplaces or firepits, etc., shall not be utilized within 15 feet of any apartment(s), apartment building(s), condominium(s), commercial business, health care facilities, housing for the aged or housing for the physically and/or mentally impaired. Exception: One and two-family dwellings. 

the fire out the fire is extinguished. A minimum of one portable fire extinguisher with a

1	Chapter 5	
2	Fire Service Features	5
3		
4	503.1Exemptions: 1(a). Fire Apparatus Access Roads, to include Fire Lanes, shall be	
5	designed in accordance with the Loudoun County Facilities Standards Manual.	
6	maintain an automatic disting device which is programmed to transmit a prefeconded message	30
7	503.4.1 Enforcement: Any violations of Section 503.4 shall be enforced by the Fire Marshal	
8	or his/her designated representative; any authorized law enforcement officer or any law	
9	enforcement official of Loudoun County under Chapter 486, of the Codified Ordinances of	
10	the County.	
11		
12	505.1 Addressing of Premises: Addressing of premises shall be in accordance with Chapter	
13	1026 of the Codified Ordinances of Loudoun County.	21
14	Chapter 24	
15	507.5.3.1 508.5.2.3 Rural fire protection. Features such as dry hydrants, underground water storage	
16	tanks and related water supply accessories shall be maintained by the owner according to the	
17	conditions of acceptance. The state thousand the state of	
18		

1	Chapter 9
2	Fire Protection Systems
3	
4	901.10 901.9: Misuse of 9-1-1 system: No person shall use a prerecorded message
5	transmitted directly to a "9-1-1" telephone number, nor shall any person install, operate or
6	maintain an automatic dialing device which is programmed to transmit a prerecorded message
7	or code signal directly to a "9-1-1" telephone number.
8	r hinder designated representative, raw authorized law enforcement officer or any law
9	aforecases official of Loudoun County under Chapter 486, of the Codified Ordinances of
10	wano) qu
11	
12	05.) Addressing of Promises: Addressing of pramises shall be in accordance with Chapter
13	0.26 of the Codified Ordinances of Loudown County.
14	Chapter 24
15	Tents and Other Membrane Structures of Land 4-02-408 Level 10
16	take and related water stungly accessories shall be maintained by the owner according to the
17	2403.4.1 No vendor or other person shall erect a tent without first having applied for a permit.
18	
9	

Chapter	33 s of what	izoiq ni i	o of topon	он от аф	junishich
Explosives and	Fireworks	ple work	where pwo	or place	gniblind

3301.2.3.2 Applicant Restrictions: No person, corporation or other entity, having been convicted of a violation under this Chapter shall be eligible to obtain a permit for the display or sale of fireworks, or participate in any manner in the transportation, sale, or display of fireworks for period of five (5) years from the date of conviction.

3301.2.4.1.1 Insurance for Blasting: The minimum amount of a certificate of insurance shall not be less than \$52,000,000 (five two million dollars). This certificate of insurance shall further indemnify the County of Loudoun, its agents and employees from any and all actions which may result from the permitted blasting.

 3301.2.4.23 Insurance for <u>fireworks</u> display: The applicant for a permit shall furnish a certificate of insurance in the amount of <u>five two</u> million dollars (\$52,000.000). This certificate of insurance shall further indemnify the County of Loudoun, named as an additional insured, its agents and employees from any and all actions which may result from the permitted display.

3301.1.3 Exception 4: The possession, storage, sale, handling and use of specific types of Division 1.4G fireworks listed as permissible.

3301.9: Transportation: The transportation of explosive materials shall comply with applicable provisions of this Chapter and the regulations governing the transportation of hazardous materials as promulgated by the Virginia Waste Management Board.

3301.9.1 Vehicle prohibitions: The attachment of any type of trailer behind a truck, a tractor/semi-trailer or truck full-trailer combination for transporting explosive is prohibited.

3301.9.2 Vehicle restrictions: Vehicles containing explosives shall not be taken into a garage or repair shop for repairs or storage.

3301.9.3 Vehicle contents: Only explosives and related material authorized by the applicable provisions of Title 49 of the Code of Federal Regulations listed in Appendix A shall be carried in the body of an explosive transport vehicle.

3301.9.4 Emergency conditions: The Department of Fire, Rescue and Emergency
Management and the Office of the Loudoun County Sheriff shall be promptly notified when a
vehicle transporting explosives is involved in an accident, breaks down, or catches fire. Only
in the event of such an emergency shall the transfer of explosives
from one vehicle to another be allowed on highways within the County and only when

from one vehicle to another be allowed on highways within the County and only when qualified supervision is provided. Except in such an emergency, a vehicle transporting

explosives shall not be parked, before reaching its destination, on highways within the

jurisdiction or adjacent to or in proximity to any school, hospital, bridge, tunnel, dwelling, 1 building or place where people work congregate or assemble. 2 3 3301.9.5 Drivers: Vehicles transporting explosives shall be in the custody of drivers who 4 5 possess a valid driver's license with proper endorsements. Such drivers shall be familiar with all State and County traffic regulations and all provisions of this Article governing the 6 7 transporting of explosives. 8 9 3301.9.6 Enforcement: The Fire Marshal may enforce the regulations contained herein 1900 1000 pertaining to the intra-County transportation of explosives. 10 11 3301.9.7 All "bulk" explosive transport vehicles shall have in working order, a metering and dods. 12 device to accurately measure the amount of explosives or blasting agents being expelled from 13 the vehicle. A 4.24 manuface for incovering display. The applicant for a permit which is the vehicle. 14 15 3302.1 Definitions; Fireworks; Permissible Fireworks. Those 1.4G fireworks that have been 16 17 approved through testing or other means and published as such in an annual list by the Fire Marshal. 18 19 3308.2.3 Permits for the display of fireworks or other pyrotechnic effects shall be applied for 20 not less than thirty (30) days prior to the date of the display. 21 22 23 3308.3.1 Exception: Fireworks or other pyrotechnic effects displays shall not be approved for use in an inhabited building. It was reserved and the large safe the safe of the angle of the large 24 has a does materials as promutgated by the Virginia Waste Management Boan 25 26 3308.11 Retail display and sales. Fireworks displayed for retail sale shall not be made readily accessible to the public. A representative from the store shall monitor the display of the 27 28 approved ("permissible") fireworks to prevent maliciously tampering, attempting to ignite, or underage accessibility. This store representative may have other duties or assignments in the 29 immediate area of the approved fireworks but may not be a cashier. 30 A store security video system shall monitor the fireworks display during business hours. In 31 times when the store representative's attention is focused on other duties and cannot monitor 32 the display of fireworks, the store security video system shall be continuously monitored by 33 store personnel. This temporary unattended option shall be utilized no longer than 10 minutes 34 per hour while the store is open to the public. If unable to comply with this procedure the 35 display of fireworks must be constantly supervised by a competent person and safeguarded 36 behind an approved physical barrier that prevents tampering or access by unauthorized 37 persons. In sprinklered buildings, the maximum permitted quantity of fireworks shall not 38 exceed 250 pounds net weight of pyrotechnic composition of the total quantity of fireworks in 39 the building, including retail display samples. Where pyrotechnic composition is not known 40 25 percent gross weight of the fireworks including packaging shall be used as the maximum 41 permitted quantity. 42 43 In non-sprinklered buildings, the maximum permitted quantity of fireworks shall not exceed 125 pounds net weight of pyrotechnic composition of the total quantity of fireworks in the 44

building including retail display samples. Where the net weight of the pyrotechnic

composition of the fireworks is not known, 25 percent of the gross weight of the fireworks

including packaging shall be used as the maximum permitted quantity.

A minimum of one pressurized water portable fire extinguisher complying with Section 906 shall be located not more than 15 feet (4572 mm) and not less than 10 feet (3048 mm) from the hazard. "No Smoking" signs complying with Section 310 shall be conspicuously posted in areas where fireworks are stored or displayed for retail sale. All structure outlets, whether

in areas where fireworks are stored or displayed for retail sale. All structure outlets, whether temporary or permanent, used for the sale or display of fireworks, must be inspected by the

Fire Marshal or his/her designated representative prior to the sale or display of fireworks. All necessary business licenses, zoning approvals and other permits must be available at the time of this inspection. Location of a temporary retail sale location shall be approved by the Fire Marshal.

12 Marsha

3308.11.1 Dates of sale: Approved <u>permissible</u> fireworks may be sold in Loudoun County from June 15 through July-6 15 each year, <u>and from December 15 through January 6</u>, provided that the authorized vendor has acquired the appropriate Loudoun County permits, licenses and inspections. Permits for the sale of <u>permissible</u> fireworks shall be applied for not later than June 15<sup>th</sup> 30 days prior to the beginning of each sales period.

3308.11.2 Additional inspections: The owner or his/her designated agent, of any temporary structure used for the sale or display of fireworks, if provided with electricity from any source, shall provide proof of a satisfactory electrical inspection prior to the sale, display or storage of fireworks. This inspection shall be required each time the temporary structure is moved, assembled or reconfigured in any manner.

3308.11.3 Insurance for sale of fireworks. The permit holder shall furnish a certificate of insurance in the amount of \$52,000,000 (five two million dollars). This certificate of insurance shall further indemnify the County of Loudoun, its agents and employees from any and all actions which may result from the permitted sale.

3308.11.4 Seizure of fireworks: The Fire Marshal shall seize, take, remove or cause to be removed at the expense of the owner, all stocks of fireworks that are offered, exposed or stored for display or sale that are in violation of this Chapter. This seizure shall include any approved fireworks which may be found with those fireworks which are in violation, Seized fireworks shall be held until any criminal charges arising from these violations have been adjudicated.

3308.11.5 Disposal of seized fireworks: If a judgment of conviction be entered, the court shall determine whether fireworks not prohibited by the Loudoun County Fire Prevention Code or otherwise restricted by this Chapter are to be returned to the owner or disposed of in a manner approved by the Fire Marshal upon expiration of the time allowed for an appeal for such conviction. Prohibited or otherwise restricted fireworks shall be disposed of in a manner approved by the Fire Marshal. Where no criminal charges are instituted, seized fireworks

shall be disposed of in a manner approved by the code official after a period of thirty (30) 3309.1 Minimum age of sales personnel: No person under the age of eighteen (18) years shall be allowed to sell fireworks. Grango god suppries with olders of real basinessing and to munifing A 3309.2 Sales to Minors: It shall be unlawful to sell any firework to any person under the age of eighteen (18) unless accompanied by a parent, legal guardian or other competent adult. 3310.1 Unlawful activities: Except as hereinafter provided, it shall be unlawful for any person, firm or corporation to transport, manufacture, store, possess, sell, offer for sale, expose for sale or to buy, use, ignite or explode any firecracker, torpedo, skyrocket, or other substance or thing that contains any explosive or inflammable compound or substance, and which explodes, rises into the air or travels laterally, or fires projectiles into the air, other than sparks or those fireworks excepted under the provision of those listed in 3310.2. 

3310.1.1 Enforcement: The Fire Marshal or any law-enforcement officer may enforce the regulations contained herein pertaining to the unlawful transport, manufacture, storage, possession, sale, purchase or use of unlawful fireworks.

3310.1.2 Seizure and destruction of certain fireworks.

Any law-enforcement officer is authorized to seize any article of fireworks as defined by

3310.1 in the possession or under the control of a person.

 3310.2 Permissible fireworks: The provisions of 3310.1 shall not apply to fireworks, which have been approved by the Fire Marshal's Office.

3310.3 Approval of permissible fireworks: Persons, firms or corporations engaged in the selling or offering for sale fireworks at retail establishments shall sell only fireworks approved by the Fire Marshal.

3310.4 Approval of fireworks assortments: Pre-packaged fireworks assortments shall bear a label listing the contents of said assortment showing the trade name, manufacturers and individual item number of each item included. Assortments not so labeled or containing individual items that have not been approved shall not be approved for sale.

3310.5 All vehicles transporting fireworks classified by DOT as 1.3 display fireworks, shall comply with 3301.9.

3311.1 Minimum age of sales personnel: No person under the age of eighteen (18) years shall be allowed to sell fireworks.

3311.2 Sales to Minors: It shall be unlawful to sell any firework to any person under the age of eighteen (18) unless accompanied by a parent, legal guardian or other competent adult.

## Chapter 38 Liquid Petroloum Gases

3801-2.2 Revocation of Parait. In the event that a valid parant is revoked, the distributor shall within twenty-four (24) hours of nonlineation remove all LP-gas containeds from the site. The Fire Marshel is authorized to have such cylinders removed by any distributor and at no cost to the government if proper action is not taken within the prescribed functione. Nonlication for the purpose of this section shall be satisfied by a telephone call to the main

3809.12. Location of storage outside of buildings. Storage outside of buildings, for containers awaiting use, resalts or part of a cylinder exchange program shall be located not less than 10 feet (3048 mm) from openings into buildings, 20 feet (5096 mm) from any motor vehicle fuel dispenser. 10 feet (3048 mm) from any combustible material, 5 feet from any lot line or public

way, and in accordance with Table 3809 12.

	TABLE 3809.12 OF CONTAINERS AWAITIN				
	RESALE STORED OUTSIDE OF BUILDINGS				
Distance to a Property Lot Line or Public Way	Distances to a Building or Group of Buildings (feet)	Quantity of LP-clas Stored			
		2500 paunds or less			
0.1		2,501 to 6,000 periods			
		abnuen (100,01 of f00,8			
25	20	Over 10,000 pounds			

For St. 1 book 104:8 mm 1 pound = 0.454 kg.

3809.16. Outsnoty limited ons. Quantities of nominal 20th cylinders in cylinder exchange locations shall not exceed 72 cylinders. Used actumed cylinders shall be counted and stored in the same manner as full cylinders.

# Chapter 38 Liquid Petroleum Gases

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3801.2.2 Revocation of Permit. In the event that a valid permit is revoked, the distributor shall within twenty-four (24) hours of notification remove all LP-gas containers from the site. The Fire Marshal is authorized to have such cylinders removed by any distributor and at no cost to the government if proper action is not taken within the prescribed timeframe. Notification for the purpose of this section shall be satisfied by a telephone call to the main business or emergency contact number for the distributor.

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3809.12. Location of storage outside of buildings. Storage outside of buildings, for containers awaiting use, resale or part of a cylinder exchange program shall be located not less than 10 feet (3048 mm) from openings into buildings, 20 feet (6096 mm) from any motor vehicle fuel dispenser, 10 feet (3048 mm) from any combustible material, 5 feet from any lot line or public way, and in accordance with Table 3809.12.

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	TABLE 3809.12	
LOCATIO	N OF CONTAINERS AWAITIN	NG USE OR
RESAL	E STORED OUTSIDE OF BUIL	LDINGS
Quantity of LP-Gas Stored	Distances to a Building or Group of Buildings (feet)	Distance to a Property Lot Line or Public Way
2500 pounds or less	0	5
2,501 to 6,000 pounds	10	10
6,001 to 10,000 pounds	20	20
Over 10,000 pounds	25	25

For SI: 1 foot: 304.8 mm, 1 pound = 0.454 kg.

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3809.16 Quantity limitations. Quantities of nominal 20lb cylinders in cylinder exchange locations shall not exceed 72 cylinders. Used returned cylinders shall be counted and stored in the same manner as full cylinders.

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